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THE CUMULATIVE INDEX

The first edition of the *Quarterly Journal of Engineering Geology* was published on 20 September 1967. In it were printed articles describing recent case histories and the results of research concerned with the use and performance of natural materials in the construction industry. These subjects, combined with those of ground investigation and hydrogeology, became essential ingredients for the Journal, making it a repository for much geotechnical and hydrogeological information from many countries. Since 1967 hundreds of papers have been printed and it has become apparent, even to frequent readers of the Journal, that a cumulative index was required. This is the first such index for the Journal and has been designed for use by engineering geologists, hydrogeologists and engineers.

The Index is divided into five parts as follows: a *List of Contents*, reproducing the contents list of each issue as published in individual parts of each volume; a *List of Authors*, which includes the names of all contributors together with an index of their papers and, in brackets, an index of the discussion of their papers; a *List of Subjects*, subdivided into major sections which groups papers into commonly used themes; and a *Gazetteer*, listing places and countries that have been the subject of papers. For completeness there is also a *List of Working Party Reports*.

Members of the Engineering Group and the Hydrogeology Group assisted in the work of designing the Index and selecting its Parts and Sections, and we are particularly grateful to Mr K. M. Baxter, Dr E. N. Bromhead, Dr C. A. Davenport and Dr L. Clark for their contribution to this endeavour. Mrs E. Cook indexed the volumes and was greatly assisted in her task by Dr R. K. Taylor who speedily resolved a countless number of problems associated with the listing of papers under appropriate headings. The entire project was overseen by Mr A. L. Little.

Notes on the use of the Index

To locate information on a particular subject, refer to the *List of Subjects* and note the volumes and pages of likely interest. Then turn to the *List of Contents* to determine the titles of the papers revealed by your search. Discussions of papers are found by turning to the *List of Authors* and finding the name of the author for a paper in question (or the name of the first author of a group of authors); any discussion of the paper will appear in brackets behind the index of the paper in question. For example:

Clark, L., **10**, 125–143 (**11**, 203–204, 267; **12**, 134).

Information on methods of testing and results of testing can be traced using two approaches, both of which utilize the *List of Subjects*. In the first approach refer either to *Parameters* or to *Site Investigation Techniques*, selecting whichever you think is the more appropriate heading for the query in mind. The heading *Parameters* has been used to index results of tests; in many cases descriptions of the tests, and of the method of testing, will be found either on the same page or on pages adjacent to those indexed for results. The heading *Site Investigation Techniques* incorporates reference to the use of tests. This division between *Parameters* and *Site Investigation Techniques* cannot be made clearly with all papers that have been indexed, and if a search under one heading proves unsuccessful a search under the second is recommended. The second approach relies on your knowing either the rock or soil type in question, or the stratigraphic or other name of the material. Turn to the headings *Rock Type, Soil Type, Stratigraphic or other Names* as seems appropriate and note the relevant pages of the index for the particular material. Then turn to the index for *Parameters* where the references required will have a page number that is either contained within, or similar to, those of the *Rock Type, Soil Type* or *Stratigraphic or other Name* used.

Example: To find values for the liquid limit of Keuper Marl.

Step 1. Turn to *List of Subjects: Stratigraphic or other Names* and note the pages indexed for Keuper Marl, viz. **1**, 25–55 (etc.).

Step 2. Turn to *List of Subjects: Parameters:* consistency limits, and note indexed pages that are similar, viz. **1**, 35–37, 48–50 (etc.).

Findings. Pages 36–37 of Vol. 1 provide information

on the Plasticity Index of the Keuper Marl, but not on its Liquid Limit; however, this is tabulated on page 49 of Vol. 1 (and so on).

Example: To find values for the unconfined compressive strength of granite.

Step 1. Turn to *List of Subjects: Rock Types;* granite, and note indexed pages, viz. **1**, 140, 179; **2**, 186–188, 246, 252; **3**, 27–39, 101, 154–159, 175–181 (etc.).

Step 2. Turn to *List of Subjects: Parameters:* uniaxial strength and note indexed pages that are similar, viz. **3**, 178 (etc.).

Findings. Page 178 of Vol. 3 tabulates unconfined compressive strength for granite and other strength data (and so on).

To obtain information about a place or country, refer to the *Gazetteer;* start by searching for the place or country of interest. If it is not listed, seek a neighbouring large town, or the county or state, or region, or the country (in that order), in which the place of interest is located. Each location indexed is given its volume and page entry, and reference to the *List of Contents* will reveal the full title of the paper. Many papers in the Journal contain references to texts describing the regional geology of areas and these will often provide the reader with a guide to sources of information for locations that are not listed in this Index.

From these notes and examples it should be apparent that success with using the Index comes from the imaginative employment of associations between subjects and the pursuit of cross-references. It is hoped that the Index provides a satisfactory basis for this exercise and will enable you to add your own lists to it for combinations of subjects you have investigated.

Special features of the Index

The *List of Subjects* includes specific lists for the following subjects, so that direct reference may be made to them:

Case histories	Parameters
Construction materials	Rock types
Engineering structures	Site investigation
Failure	Site investigation techniques
Geological processes	Soil types
Geological structures	Stratigraphic and other names
Groundwater	
Mineralogy	

Comments, correspondence and corrections

All correspondence on matters associated with the Index and its entries should be sent to the Editor of the *QJEG* at Burlington House.

M.H. DE FREITAS
Editor, 1981–1984

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